CONTENTS OF VOLUME XXXI

JANUARY-FEBRUARY, NO. 1 An Inca Background. Cover Olokele Cañon on Kauai, One of the Hawriian Islands Frontispiece Old Empires of the Andes RONALD L. OLSON The Asteroids. Wallace J. Eckett Race Mixture in Hawaii H. L. Shapfino Insects vs. The People Frank E. Lutz Some More Spider Fishermen E. W. Gudogra Living with the Natives of Melanesia Margarakt Mead John Champion Faunthorpe Arthur S. Vernay Indian Beaver Legends William H. Carr The "Basilisk" G. Kingsley Noble American Museum Expeditions and Notes.	3 23 31 49 58 62 75 81 93 101
March-April, No. 2	
At a Mongolian Prayer Wheel. Cover The Inner Gorge of the Grand Cañon of the Colorado River Frontispiece The Fate of the Rash Platybelodon. ROY CHAPMAN ANDREWS How Old Is the Earth? CHESTER A. REEDS The Drama of the Skies. CLYDE FISHER Art of the Dutch Guiana Bush Negro. MORTON C. KAHN The Great Kalahari Sand Veldt, Part I. ARTHUR S. VERNAY The Largest Known Land Tortoise. BAHNUM BROWN A Phantom of the Marshes. ALFRED M. BAILEY The Mysterious Natives of Northern Japan. SHOICHI ICHIKAWA Trails and Tribulations of Bougainville. Guy RICHARDS American Museum Expeditions and Notes.	115 129 147 155 169 183 188 195 207 217
May-June, No. 3	
Gorillas of the Belgian Congo Forest. Cover The Atlas Mountains, Morocco. Frontispiece Gorilla: The Greatest of All Apes. H. C. RAVEN A Bearded Mystery. GEORGE C. VAILLANT The Fishermen of Gloucester. FRANCESCA R. LAMONTE The Great Kalahari Sand Veldt: Part II. ARTHUR S. VERNAY At the Sea Shore. PAUL B. MANN The Origin of Domestic Cattle. ARTHUR T. SEMPLE Boa Constrictors and Other Pets PAUL GRISWOLD HOWES Wild Bees of Morocco. T. D. A. COCKERELL "Gallant Fox" and "Man O' War". S. HARMSTED CHUBB George Fisher Baker, 1840–1931 Henry Fairfield Osborn The Proposed Pacaraima-Venezuela Expedition G. H. H. Tate American Museum Expeditions and Notes.	231 243 253 262 275 287 300 310 318 328 330 331
July-August, No. State	347 359 374 388 400 409 417 424 434 443
Community October No. 5	
September-October, No. 5 Hindu Gypsv of the Nath Tribe	459 474 488 500 511 519 530 539 549 558

CONTENTS OF VOLUME XXXI

NOVEMBER-DECEMBER, No. 6

The Giant Eland of Southern Sudan	
The Theodore Roosevelt Memorial. George N. Pindar	571
	581
	600
Among the Nomads of Tibet. C. Suydam Cutting	615
Plant Live in WinterOuver Perry Medsger	627
Canoe Country. Francis L. Jaques	634
Telling the Beaver Story. WILLIAM H. CARR	640
Under Sail to the Cape Verdes. Robert H. Rockwell	651
"Jimmy" T. Donald Carter	663
	668

INDEX TO VOLUME XXXI

TEXT AND ILLUSTRATIONS

Names of articles are set in capitals and small capitals. Titles of works are set in italics

Akeley, Mary L. Jobe, 223; 332-334
American Museum, history of, 112
Among the Nomads of Thett, C. Suydam Cutting, Illustrated, 615-626
Ancient Civilizations of the Andes, 340
Andrews, Roy Chapman: The Fate of the Rash Platybelodon, 115-128; 336-337
Animals of the Nature Trail, William H. Carr, Illustrated, 434-442
Anthony, Harold E: From Cuzco to Machu Piechu, 388-399
Archbold, Richard, 447
Archæology:
Figurine from Mexico, 243-252 Archæology:
Figurine from Mexico, 243-252
Temple models from Mexico, 339
Temple models from Middle America, 530-538
ART OF THE DUTCH GUIANA BUSH NEGRO, Morton C.
Kahn, Illustrated, 155-168
ASCENT OF MOUNT TURUMQUIRE, THE, George H. H.
Tate, Illustrated, 539-548
ASTEROIDS, THE, Wallace J. Eckert, Illustrated, 23-30
ASTEROIDS, THE, Wallace J. Eckert, Illustrated, 23-30
Astronomy:
Amateur Astronomers' Association, 107, 210, 222, Astronomy:
Amateur Astronomers' Association, 107; 219; 332;
444; 559-560; 671
Asteroids, 23-30
Miniature planetarium, 107
Museum astronomical hall, 219
Planetaria, 147-154; 218
At a Mongolian Prayer Wheel, Cover Design, March-April; 226
At THE SEA SURGE Paul B. Mann Illustrated, 275-286 AT THE SEA SHORE, Paul B. Mann, Illustrated, 275–286 Aztec Ruin National Monument, 450 Bailey, Alfred M: A Phantom of the Marshes, 188–194; Sac-a-Plomb, 417–423 Baker, George Fisher, 328–329 "Basilisk," The, G. Kingsley Noble, Illustrated, 93–100 Bear Mountain Trailside Museum, 434–442; 562; 673 Bearned Mystery, A, George C. Vaillant, Illustrated, 243–252 Bennett, W. C., 566 Birds: ls; African bird group, 474–489 Cape Verdes, 651–662 Collecting in Bougainville, 207–216 Congo collecting, 600–614 Kidong Valley Group, 671–672 King rail, 188–194 Owl, 663–667 Penguin, 336
Pied-billed grebe, 417–423
Blackwood, Beatrice: Mountain People of the South Seas, 424–430 Boa Constructors and Other Pets, Paul Griswold Howes, Illustrated, 300–309 Illustrated, 300-309
Book Reviews:
Ancient Civilizations of the Andes, 340
Archwology of Kauai, The, 678
Butterfly and Moth Book, 453
Caterpillars and their Moths, 453
Cope, Master Naturalist, 450-452
Djuka, the Bush Negroes of Dutch Guiana, 341
Field Book of Ponds and Streams, 453
Game Animals of the Sudan, 340-341
General Textbook of Entomology, 453
Glimpses of Familiar Birds, 225
Growing Up in New Guinea, 111
"Paleolithic Man and the Nile-Faiyum Divide"
History of Applied Entomology, A, 454
Paradise Quest, 677-678
Permian of Mongolia, The, 110; 454
Recent Advances in Entomology, 453
Science of Life, The, 225
Stir of Nature, The, 111
Thirty Years War for Wild Life, 341-342
Thomas Say, Early American Naturalist, 454
Whaling in the Antarctic, 452-453
Wild Game—Its Legal Status, 566
Bureau of Education, 673
Burroughs, John, 500-510
Riving basketry collection, 223 Book Reviews: Burroughs, John, 500-510 Briggs basketry collection, 223 Brown, Barnum: The Largest Known Land Tortoise, 183-Cafeteria service, 673 Camp Life on the Gobi Desert, Walter Granger, Illustrated, 359–373

CANOE COUNTRY, Francis L. Jaques, Illustrated, 634-639 Carr, William H: Indian Beaver Legends, 81-92; Animals

of the Nature Trail, 434-442; Telling the Beaver Story 640-650
Carter, T. Donald: "Jimmy," 663-667
Cattle, origin of, 287-299
Chapin, James P: Up the Congo to Lukolela, 474-487;
Day by Day at Lukolela, 600-614; 564
Chapman, Frank M: Seen from a Tropical Air Castle, Chapman, Frank M. Seen from a Tropical All Castle, 347–356
Chen, Tze Tuan, 674
Children's Science Fair, 566
Chubb, S. Harmsted: "Gallant Fox" and "Man O' War," 318-327
Clark, James L: The Giant Eland of Southern Sudan, 581-599
Cockerell, T. D. A: Wild Bees of Morocco, 310-317 Conservation servation: Bear, 560-561; 673 Big game animals, 107 Bison, 444-445 International wild life, protection, 334-335 International wild life, protection, 334–335
Marine mammals, 561
Parc National Albert, 332–334
Redwood Groves, 672–673
Wild animal life, 445
Cope: Master Naturalist, 450–452
Coral reef group, 374–387
Crosby, Maunsell Schieffelin, 219–220
Cutting, C. Suydam: Among the Nomads of Tibet, 615–626 DAY BY DAY AT LUKOLELA, James P. Chapin, Illustrated, 600-614 000-614
DAY IN NAZCA, A. Ronald L. Olson, Illustrated, 400-408
Dean Memorial Volume, 109; 679
de Chardin, Teilhard, 335, 338-339
Djuka—The Bush Negroes of Dutch Guiana, 341
DRAMA OF THE SKIES, THE, Clyde Fisher, Illustrated, 147-Drummond, I. Wyman, 336 Earth, age of, 129–146
Eckert, Wallace J: The Asteroids, 23–30
Education, Bureau of, 673
Edwards, Dorothy L: A Miniature Melanesia, 549–557
Ellsworth, Lincoln, 222–223
Ely, Alfred, 673–674
Elly, Werker, Green, C. Voillant, Illustrate ENLIVENING THE PAST, George C. Vaillant, Illustrated, 530-538 Expeditions: Boekelman shell-heap project, 217-218 Brady, Florida, 105
Brown, Arizona, 558-559
Central Asiatic, 101-102; 217; 331; 357-373; 558; 668
Chapin, Congo, 103-104; 218; 443-444; 474-487; 600-614
Columbia University—American Museum, African, Columbia University—American M 218; 231-242 Frick-Blick, 103; 669 Frick-Falkenbach, 103; 669 Frick-Raisen, 103; 669 Frick-Rak, 102; 668 Frick-Skinner, 103; 668 Goodwin-Carter mammal survey, 105 Koisen Mantana, 50 Goodwin-Carter mammal survey, 105
Kaisen, Montana, 559
Klingel, West Indies, 93–100; 218; 331
LeGendre, Indies, 93–100; 218; 331
LeGendre, Indo-China, 559
Madagascar, 105; 331–332; 559
Mead, New Guinea, 559
Morden, Switzerland, 218
Naumburg-Kaempfer, 669–670
O'Donnell-Clark, African, 103, 218; 331; 581–599
Ottley-Anthony, South America, 388–399
Pacaraima-Venezuela, 330
Scarritt, Patagonia, 104; 558; 669
Tate, Turumiquire, 539–548
Vaillant, Valley of Mexico, 217; 444; 670
Vernay, Kalahari Desert, 222; 262–274
Explorers' Club, 222 FATE OF THE RASH PLATYBELODON, THE, Roy Chapman Andrews, Illustrated, 115–128 Faunthorpe, John Champion, 75–80 Finnie, O. S: Reindeer for the Candian Eskimo, 409–416 Beebe exhibit, 224 Chinese, 562 Electric eel, 562

Lungfish, 562

North Atlantic, 252-261

Sturgeons, 562
Fisher, Clyde: The Drama of the Skies, 147-154; With John Burroughs at Slabsides, 500-510

FISHERMEN OF GLOUCESTER, THE, Francesca LaMonte, Illustrated, 253-261

Flautt, Harold D., 674
FORTY TONS OF CORAL, Roy Waldo Miner, Illustrated, 374-387

Fossils:

Amblypod, 565-566 Amolypou, 305-300
Ancient algae, 108
Cretaceous pliosaur, 108
Crecodiles of New Jersey, 221-222
Crocodilia, research on, 221
Dinosaur footprint, 446
Dinosaur footprint, 446
Dinosaur stockern 550 Dinosaur footprint, 446
Dinosaur skeleton, 559
Elephants, 446
Evolution of titanotheres, 108
Florida shell mounds, 339
Mongolian, 115-128
Peking Man, 107: 446
Pliocene formations in China, 338-339
Primitive Triassic reptile, 558
Tortoise, 183-187
FROM CUZCO TO MACHU PICCHU, Harold E. Anthony, Illustrated, 388-399

trated, 388-399

"Gallant Fox" and "Man O' War," S. Harmsted Chubb, Illustrated, 318-327 Game Animals of the Sudan, 340-341

Gatti, Attilio, 335 Geology:

Geology:
Arkansas meteorite, 109
Cape York Meteorites, 447–448
Earth, age of, 129–146
George Fisher Baker (1840–1931), Henry Fairfield Osborn, with portrait, 328–329
GIANT ELAND OF SOUTHERN SUDAN, THE, James L. Clark, Illustrated, 581–599
Giant Eland of the Southern Sudan, The, Cover Design, November-December; 568
Glimpses of Familiar Birds, 225
GORILLA: THE GREATEST OF ALL APES, H. C. Raven, Illustrated, 231–242
Gorillas of the Belgian Congo Forest, Cover Design, May-June, 228

Gorilas of the Belgian Congo Forest, Cover Design, May-June, 228 Granger, Walter: Camp Life on the Gobi Desert, 359–373 Grant, Madison, 445 Great Kalahari Sand Veldt, The, Part I, Arthur S. Vernay, Illustrated, 169–182 Great Kalahari Sand Veldt, The, Part II, Arthur S. Vernay, Illustrated, 262–274 Gudger, E. W: Some More Spider Fishermen, 58–61

Hassler, William G., 445-446 Hatt, Robert T: When Winter Comes to the Mammal World, 519-529

Hellweg, Frederick: The United States Naval Observatory, 488-499

Hindu Gypsy of the Nath Tribe, A, Cover Design, September-October: 456
Howes, Paul Griswold: Boa Constrictors and Other Pets,

300-309 How OLD IS THE EARTH? Chester A. Reeds, Illustrated,

129-146 Howler Monkey from Panama, A, Cover Design, July-August; 344

Ichikawa, Shoichi: The Mysterious Natives of Northern Japan, 195–206 Inca Background, An, Cover Design, January–February,

112 BEAVER LEGENDS, William H. Carr, Illustrated INDIAN 81-92

Insects:

Bees of Morocco, 310–317
Benefits to man, 49–57
Fly collection, 224
Spiders as fishermen, 58–61
Study at Barro Colorado, 108–109
INSECTS VS. THE PEOPLE, Frank E. Lutz, Illustrated, 49–57

Jade, 336; 511-518
Jaques, Francis L: Canoe Country, 634-639
Jeans, Sir James, 332
"Jimw," T. Donald Carter, Illustrated, 663-667
"Jimw," T. Donald Carter, Illustrated, 663-667
John Champion Faunthorpe, Arthur S. Vernay, Illustrated, 75-80
Johnson, J. M.. 679

Kahn, Morton C: Art of the Dutch Guiana Bush Negro,

LaMonte, Francesca: The Fishermen of Gloucester, 253-

LARGEST KNOWN LAND TURTOISE, THE, Barnum Brown Illustrated, 183-187

Hustrated, 183-187 Lecture courses, American Museum, 561-562 Library, American Museum, 338; 674 Living with the Natives of Melanesia, Margaret Mead Illustrated, 62-74 Lutz, Frank E: Insects vs. The People, 49-57

Barro Colorado, 347–356
Beaver, 81–92: 640–650
Cattle, 287–299
Chimpanzee from Congo, 446

False killer whale, 223–224 Giant eland, 581–599

Gorilla, 231-242 Horses, 318-327 Kalahari Desert, 222 Predatory mammal control, 448–449

Winter protection for, 519-529

Man:

Ainu of Japan, 195–206; 342 Bougainville, 424–433 Bush Negro of Dutch Guiana, 155–168 Hawaiian population, 31–48 Incas, 3–22 India, 458–473

Manus, 408-473 Kalahari natives, 262-274 Manus, 62-74; 549-557 Nomads of Tibet, 615-626 Peking, 107 Prehistoric Peruvian, 400-408 Mann, Paul B; At the Sea Shore, 275-286

Earthquake, 109

Earthquake, 109
Equal area, of the continents, 563–564
Mather, Stephen T: 335
Mayan temple, 223
Mayr, Ernst, 219
Mead, Margaret: Living with the Natives of Melanesia, 62–74
Medsger, Oliver Perry: Plant Life in Winter, 627–633
Melanesia, 549–557
Members' visiting day, 335–336
Miner, Roy Waldo: Forty Tons of Coral, 374–387
MINIATURE MELANESIA, A, Dorothy L. Edwards, Illustrated, 549–557
MODERN METHODS OF CARVING JADE, Herbert P. Whitlock, Illustrated, 511–518
MOUNTAIN PEOPLE OF THE SOUTH SEAS, Beatrice Black-

MUUNTAIN PEOPLE OF THE SOUTH SEAS, Beatrice Blackwood, Illustrated, 424–433
Museum of Primitive Culture, 110
Mysterious Natives of Northern Japan, The, Shoichi Ichikawa, Illustrated, 195–206

Noble, G. Kingsley: The "Basilisk," 93-100; 445; 447

OLD EMPIRES OF THE ANDES, Ronald L. Olson, Illustrated,

Olson, Ronald L: Old Empires of the Andes, 3-22; A Day

in Nazca, 400–408; 449
Origin of Domestic Cattle, The, Arthur T. Semple, Illustrated, 287–299
Osborn, Henry Fairfield: George Fisher Baker, 328–329; 447

Paradise Quest, 677–678 Parc National Albert, 332–334

Peabody, George Foster, 223 PHANTOM OF THE MARSHES, A, Alfred M. Bailey, Illustrated, 188–194

Pindar, George N: The Theodore Roosevelt Memorial, 571-580

Planetaria, 147–154
Planet Life in Winter, Oliver Perry Medsger, Illustrated 627–633 Prentice, Clare Ellsworth, 336

RACE MIXTURE IN HAWAII, H. L. Shapiro, Illustrated, 31-

48
Radio Nature League, 220
Raven, H. C: Gorilla: The Greatest of All Apes. 231-242
Reeds, Chester A: How Old Is the Earth? 129-146
REINDEER FOR THE CANADIAN ESKIMOS, O. S. Finnie,
Illustrated, 409-416
Reptiles and Amphibians:
Snakes of Dominica. 300-309
Tree frog from Jamaica, 110
Richards, Guy: Trails and Tribulations of Bougainville,
207-216
Rockwell, Robert H: Under Sail to the Cape Verdes, 651-

Rockwell, Robert H: Under Sail to the Cape Verdes, 651-Roosevelt Memorial, 566; 571-580; 670-671

Sac-a-Plomb, Alfred M. Bailey, Illustrated, 417–423 Science of Life, The, 225

Sea Shore Life, 275-286
SEEN FROM A TROPICAL AIR CASTLE, Frank M. Chapman,
Illustrated, 347-356
Semple, Arthur T: The Origin of Domestic Cattle, 287-

Shapiro, H. L: Race Mixture in Hawaii, 31-48; 339

American Association for the Advancement of Science,

109; 449
American Ornithologists' Union, 674–675
American Society of Mammalogists, 448–449
Canadian Biological Conference, 564–566

Canadian Biological Conference, 564–566
Centenary of the British Association for the Advancement of Science, 449; 675–677
Galton Society, 110
Geological Society of America, 109–110
International Congress of Eugenics, 335
International Congress of Genetics, 335
International Geological Congress, 335, 449
National Education Association, 565–566
Society for the Preservation of the Fauna of the British
Empire, 335
Some More Spider Fishermen, E. W. Gudger, Illustrated, 58–61

58-61 Sterling, Lindsay Morris, 563 Stowitts, Hubert, 458-473

Tate, George H. H: The Ascent of Mount Turumiquire, 539-548 TELLING THE BEAVER STORY, William H. Carr, Illustrated,

640-650

Theodore Roosevelt Memorial, The, George N. Pindar, Illustrated, 571-580

Thirty Years War for Wild Life, 341
TRAILS AND TRIBULATIONS OF BOUGAINVILLE, Guy Richards,
Illustrated, 207–216
Turumiquire, Mount, 539–548

Under Sail to the Cape Verdes, Robert H. Rockwell, Illustrated, 651-662 Unemployment relief, 680 United States Naval Observatory, The, Capt. Frederick Hellweg, Illustrated, 488-499 Up the Congo to Lukolela, James P. Chapin, Illustrated, 474-487

Vaillant, George C: Enlivening the Past, 530-538 Vanishing India, Illustrated, 458-473 Vernay, Arthur S: John Champion Faunthorpe, 75-80; The Great Kalahari Sand Veldt, Part I, 169-182; The Great Kalahari Sand Veldt, Part II, 262-274 Vernay-Faunthorpe South Asiatic Hall, 105-107

Whaling in the Antarctic, 452-453
Wheeler, William M., 335
When Winter Comes to the Mammal World, Robert T.
Hatt, Illustrated, 519-529
Whitlock, Herbert P: Modern Methods of Carving Jade, 511-518
Whitney Wing, American Museum, 336
Wild Bees of Morocco, T. D. A. Cockerell, Illustrated, 310-317
Winkin, Cora Senner, 674
Wissler, Clark, 337
WITH JOHN BURROUGHS AT SLABSIDES, Clyde Fisher, Illustrated, 500-510